

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	"10560552".app.	US-PGPUB; USPAT	OR	OFF	2009/10/05 15:16
S2	1	"10/560552".app.	US-PGPUB; USPAT	OR	OFF	2009/10/05 15:16
S3	1	ries-lionel.in.	US-PGPUB; USPAT	OR	OFF	2009/10/05 15:18
S4	0	2375/130.ccls.	US-PGPUB; USPAT	OR	OFF	2009/10/05 15:18
S5	2062	375/130.ccls.	US-PGPUB; USPAT	OR	OFF	2009/10/05 15:18
S6	630	S5 and (pilot training)	US-PGPUB; USPAT	OR	OFF	2009/10/05 15:21
S7	578	S6 and \$3modulat \$4	US-PGPUB; USPAT	OR	ON	2009/10/05 15:22
S8	540	S7 and \$3spread\$4	US-PGPUB; USPAT	OR	ON	2009/10/05 15:22
S9	338	S8 and carrier	US-PGPUB; USPAT	OR	ON	2009/10/05 15:30
S10	328	S9 and channel	US-PGPUB; USPAT	OR	ON	2009/10/05 15:30
S11	307	S10 and (combi\$4 multiplex\$4)	US-PGPUB; USPAT	OR	ON	2009/10/05 15:31
S12	60	("5365544").URPN.	USPAT	OR	OFF	2009/10/05 17:05
S13	27	("4392220"   "4435821"   "4672658"   "4752939"   "4862178"   "4901307"   "4962507"   "4979183"   "5056106"   "5056109"   "5062121"   "5063560"   "5101501"   "5103459"   "5109390"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/05 17:39

		"5153598"   "5164985"   "5166694"   "5166951"   "5179571"   "5179572"   "5216429"   "5218618"   "5228056"   "5247702"   "5265121"   "5267244").PN.				
S14	2065	375/ 130.ccls.	US-PGPUB; USPAT	OR	OFF	2009/10/06 12:17
S15	631	S14 and (pilot training)	US-PGPUB; USPAT	OR	OFF	2009/10/06 12:17
S16	579	S15 and \$3modulat \$4	US-PGPUB; USPAT	OR	ON	2009/10/06 12:17
S17	541	S16 and \$3spread \$4	US-PGPUB; USPAT	OR	ON	2009/10/06 12:17
S18	339	S17 and carrier	US-PGPUB; USPAT	OR	ON	2009/10/06 12:17
S19	329	S18 and channel	US-PGPUB; USPAT	OR	ON	2009/10/06 12:17
S20	308	S19 and (combi\$4 multiplex\$4)	US-PGPUB; USPAT	OR	ON	2009/10/06 12:17
S21	1	"6396824".pn.	US-PGPUB; USPAT	OR	ON	2009/10/06 15:00
S22	12526	(non adj linear) with time	US-PGPUB; USPAT	OR	ON	2009/10/06 23:02
S23	14	(non adj linear) with (time adj multiplex\$4)	US-PGPUB; USPAT	OR	ON	2009/10/06 23:02
S24	1794	(non adj linear) near4 combin\$4	US-PGPUB; USPAT	OR	ON	2009/10/06 23:39
S25	66	((non adj linear) near4 combin\$4) with tim\$4	US-PGPUB; USPAT	OR	ON	2009/10/06 23:40
S26	11	(frequency adj lock adj loop) with (carrier near2 track \$4)	US-PGPUB; USPAT	OR	OFF	2009/10/07 17:04
S27	1	(frequency adj lock adj loop) with (arctangent)	US-PGPUB; USPAT	OR	OFF	2009/10/07 22:04

S28	3049	(arctangent)	US-PGPUB; USPAT	OR	OFF	2009/10/07 22:05
S29	1	(extended near2 arctangent)	US-PGPUB; USPAT	OR	OFF	2009/10/07 22:06
S30	21	discriminator with arctangent	US-PGPUB; USPAT	OR	OFF	2009/10/07 22:07
S31	23	discriminator with arctangent	US-PGPUB; USPAT	OR	ON	2009/10/07 22:07
S32	9	("4622557"   "5379224"   "5420592"   "5594454"   "5729235"   "5999561"   "6430503"   "6532271"   "6633255").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/07 23:02
S33	1	FLL with arctangent	US-PGPUB; USPAT	OR	ON	2009/10/07 23:08
S34	1	"6711219".pn.	US-PGPUB; USPAT	OR	ON	2009/10/07 23:24
S35	0	"11421950".app.	US-PGPUB; USPAT	OR	ON	2009/10/08 10:04
S36	1	"11/421950".app.	US-PGPUB; USPAT	OR	ON	2009/10/08 10:04
S37	1	"4803440".pn.	US-PGPUB; USPAT	OR	ON	2009/10/08 10:04
S38	0	(delay adj lock adj loop) with (signal adj to adj noise)	US-PGPUB; USPAT	OR	ON	2009/10/08 10:30
S39	1	"7183971".pn.	US-PGPUB; USPAT	OR	ON	2009/10/08 15:21
S40	1	(delay adj lock adj loop) with ((zero adj order) near2 filter\$2)	US-PGPUB; USPAT	OR	ON	2009/10/08 16:43
S41	255	((zero adj order) near2 filter\$2)	US-PGPUB; USPAT	OR	ON	2009/10/08 16:44
S42	1	DLL with ((zero adj order) near2 filter \$2)	US-PGPUB; USPAT	OR	ON	2009/10/08 16:44
S43	1	(delay adj lock adj loop) with ((zero adj order))	US-PGPUB; USPAT	OR	ON	2009/10/08 16:52

S44	1	(delay adj lock adj loop) with ((zero adj order))	US-PGPUB; USPAT	OR	ON	2009/10/08 17:00
S45	1	(delay adj lock adj loop) with ((zero-order))	US-PGPUB; USPAT	OR	ON	2009/10/08 17:00
S46	2	((zero adj order) near2 loop near2 filter\$2)	US-PGPUB; USPAT	OR	ON	2009/10/08 17:01
S47	85	zero adj order adj filter\$2	US-PGPUB; USPAT	OR	ON	2009/10/08 17:02
S48	197	(delay adj lock adj loop) with (filter \$2)	US-PGPUB; USPAT	OR	ON	2009/10/08 17:27
S49	8	(delay adj lock adj loop) with (order near2 filter\$2)	US-PGPUB; USPAT	OR	ON	2009/10/08 17:27
S50	1363	doppler adj velocity	US-PGPUB; USPAT	OR	ON	2009/10/08 19:09
S51	1	doppler adj velocity adj aid	US-PGPUB; USPAT	OR	ON	2009/10/08 19:09
S52	151	S50 and GPS	US-PGPUB; USPAT	OR	ON	2009/10/08 19:11
S53	1	(doppler adj velocity) with (frequency adj lock)	US-PGPUB; USPAT	OR	ON	2009/10/08 19:11
S54	433	(delay adj lock adj loop) and weight \$4	US-PGPUB; USPAT	OR	ON	2009/10/08 19:28
S55	11	(delay adj lock adj loop) with weight \$4	US-PGPUB; USPAT	OR	ON	2009/10/08 19:28
S56	0	signal adj to adj noise	US-PGPUB; USPAT	OR	ON	2009/10/11 22:35
S57	121630	signal near2 noise near2 ratio	US-PGPUB; USPAT	OR	ON	2009/10/11 22:36
S58	495	signal near2 noise near2 ratio near2 spectral	US-PGPUB; USPAT	OR	ON	2009/10/11 22:36
S59	21	signal near2 noise near2 ratio near2 spectral near2 density	US-PGPUB; USPAT	OR	ON	2009/10/11 22:36

S60	2502	(signal near2 noise near2 ratio) with weight\$4	US-PGPUB; USPAT	OR	ON	2009/10/11 23:33
S61	0	(signal near2 noise near2 ratio) with weight\$4 with (delay adj lock adj loop)	US-PGPUB; USPAT	OR	ON	2009/10/11 23:34
S62	0	((signal near2 noise near2 ratio) SNR) with weight \$4 with (delay adj lock adj loop)	US-PGPUB; USPAT	OR	ON	2009/10/11 23:34
S63	420	((signal near2 noise near2 ratio) SNR) with weight \$4 with (data)	US-PGPUB; USPAT	OR	ON	2009/10/11 23:37
S64	19	((signal near2 noise near2 ratio) SNR) with weight \$4 with (data) with pilot	US-PGPUB; USPAT	OR	ON	2009/10/11 23:37
S65	332	frequency adj lock adj loop	US-PGPUB; USPAT	OR	OFF	2009/10/13 11:01
S66	14	(frequency adj lock adj loop) with Doppler	US-PGPUB; USPAT	OR	OFF	2009/10/13 11:01
S67	3082	Doppler near2 velocity	US-PGPUB; USPAT	OR	OFF	2009/10/13 11:14
S68	1295	Doppler adj velocity	US-PGPUB; USPAT	OR	OFF	2009/10/13 11:14
S69	1	Doppler adj velocity adj aid	US-PGPUB; USPAT	OR	ON	2009/10/13 11:14
S70	1	(Doppler adj velocity) with (frequency adj lock \$3)	US-PGPUB; USPAT	OR	ON	2009/10/13 11:15
S71	1	"6278726".pn.	US-PGPUB; USPAT	OR	ON	2009/10/13 11:58
S72	22861	(DLL (delay adj lock))	US-PGPUB; USPAT	OR	ON	2009/10/13 13:45
S73	22540	(DLL (delay adj lock adj loop))	US-PGPUB; USPAT	OR	ON	2009/10/13 13:47
S74	77	(DLL (delay adj lock adj loop)) with pilot	US-PGPUB; USPAT	OR	ON	2009/10/13 13:47

S75	2	(DLL (delay adj lock adj loop)) with pilot with weight\$4	US-PGPUB; USPAT	OR	ON	2009/10/13 13:47
S76	3	("6154487"   "6304563"   "6333947").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/13 18:20
S77	77	(DLL (delay adj lock adj loop)) with pilot	US-PGPUB; USPAT	OR	ON	2009/10/14 12:11

**10/ 15/ 2009 12:07:14 PM**

**C:\ Lihong\ EastSearchFiles\ Case-10560552.wsp**